

Appl. No. 10/015,455
Amendment dated July 19, 2004
Reply to Office Action of August 7, 2003

Amendments to Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (canceled)
2. (currently amended) The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 1 5 further comprising a lap belt for securely positioning the physically-challenged person inside the torso support.
3. (currently amended) The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 1 5 wherein the torso support comprises:
 - a pair of rotatable support arms;
 - a plurality of vertically-mounted spine rods secured by a plurality of locking screws for adjusting the height of the pair of support arms to accommodate the physically-challenged person;
 - a pair of adjustable hand brackets fastened to the pair of rotatable support arms;
 - and

Appl. No. 10/015,455
Amendment dated July 19, 2004
Reply to Office Action of August 7, 2003

a pair of hand pads attached to the hand brackets and secured around the torso of the physically-handicapped person underneath the arms on each side of the rib cage.

4. (currently amended) The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim ~~1~~ 5 wherein the adjustable headrest support comprises:

an adjustable headrest assembly attached to a headrest rod for adjusting the depth of the headrest assembly;

a headblock attached to the headrest rod by a clamping knob for adjusting the height of the headrest assembly.

5. (currently amended) ~~The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 1 further comprising~~ An apparatus for enabling a physically-challenged person to receive vestibular motion therapy, comprising:

an amusement-type carriage device;

an adjustable torso support mounted on the amusement-type carriage device for providing lateral support to the physically-challenged person while seated on the amusement-type carriage device when the amusement-type carriage device is operating;

an adjustable headrest support mounted on the amusement-type carriage device for providing head and neck support to the physically-challenged person; and

a head switch for starting the operation of the amusement-type carriage device.

Appl. No. 10/015,455
Amendment dated July 19, 2004
Reply to Office Action of August 7, 2003

6. (currently amended) The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim ~~1~~ 5 further comprising a control panel for setting the run time of the amusement-type carriage device.
7. (currently amended) The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim ~~7~~ 6 wherein the control panel includes a timer relay for delaying the time between activation cycles of the amusement-type carriage device.
8. (currently amended) The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim ~~1~~ 5 wherein the amusement-type carriage device is a modified Marsupilami device.
9. (canceled)
10. (currently amended) The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim ~~9~~ 13 further comprising an adjustable shoulder strap for securing the physically-challenged person in a stable, upright condition during operation.
11. (currently amended) The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim ~~9~~ 13 wherein the torso and hip support comprises:

Appl. No. 10/015,455
Amendment dated July 19, 2004
Reply to Office Action of August 7, 2003

a pair of rotatable support arms;
a plurality of vertically-mounted spine rods secured by a plurality of locking screws for adjusting the height of the pair of support arms to accommodate the physically-challenged person;
a pair of adjustable hand brackets fastened to the pair of rotatable support arms;
and
a pair of hand pads attached to the hand brackets and secured around the torso of the physically-handicapped person underneath the arms on each side of the rib cage.

12. (currently amended) The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 9 13 wherein the adjustable headrest support comprises:

an adjustable headrest assembly attached to a headrest rod for adjusting the depth of the headrest assembly;
a headblock attached to the headrest rod by a clamping knob for adjusting the height of the headrest assembly.

13. (currently amended) An apparatus for enabling a physically-challenged person to receive vestibular motion therapy, comprising:

an amusement-type carriage device;

Appl. No. 10/015,455
Amendment dated July 19, 2004
Reply to Office Action of August 7, 2003

an adjustable seat attached to a base of the amusement-type carriage device by a
spring mechanism and providing back support;

an adjustable torso and hip support mounted on the amusement-type carriage
device for providing lateral support to the physically-challenged person
while seated on the amusement-type carriage device when the amusement-
type carriage device is operating;

an adjustable headrest support mounted on the amusement-type carriage device for
providing head and neck support to the physically-challenged person; and

~~The apparatus for enabling a physically-challenged person to receive vestibular
motion therapy of claim 9 further comprising a head switch for starting the
operation of the amusement-type carriage device.~~

14. (currently amended) The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 9-13 further comprising a control panel for setting the run time of the amusement-type carriage device.
15. (previously amended) The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 14 wherein the control panel includes a timer relay for delaying the time between activation cycles of the amusement-type carriage device.

Appl. No. 10/015,455
Amendment dated July 19, 2004
Reply to Office Action of August 7, 2003

16. (currently amended) The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 9 13 wherein the amusement-type carriage device is a rocking horse type device.
17. (currently amended) The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 4 5 wherein the amusement-type carriage device operates to provide at least one of pitch, roll, and yaw motion in three-dimensional space.
18. (currently amended) The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 9 13 wherein the amusement-type carriage device operates to provide at least one of pitch, roll, and yaw motion in three-dimensional space.